

Bruce R Gerratt

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

5,272
citations

109321

35
h-index

85541

71
g-index

105
all docs

105
docs citations

105
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus Auditory-Perceptual Evaluation of Voice: Development of a Standardized Clinical Protocol. <i>American Journal of Speech-Language Pathology</i> , 2009, 18, 124-132.	1.8	724
2	Perceptual Evaluation of Voice Quality. <i>Journal of Speech, Language, and Hearing Research</i> , 1993, 36, 21-40.	1.6	559
3	Individual Differences in Voice Quality Perception. <i>Journal of Speech, Language, and Hearing Research</i> , 1992, 35, 512-520.	1.6	213
4	Comparing Internal and External Standards in Voice Quality Judgments. <i>Journal of Speech, Language, and Hearing Research</i> , 1993, 36, 14-20.	1.6	209
5	Comparison of Voice Analysis Systems for Perturbation Measurement. <i>Journal of Speech, Language, and Hearing Research</i> , 1996, 39, 126-134.	1.6	190
6	Listener Experience and Perception of Voice Quality. <i>Journal of Speech, Language, and Hearing Research</i> , 1990, 33, 103-115.	1.6	181
7	Validity of rating scale measures of voice quality. <i>Journal of the Acoustical Society of America</i> , 1998, 104, 1598-1608.	1.1	152
8	When and why listeners disagree in voice quality assessment tasks. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 2354-2364.	1.1	141
9	Comparing Reliability of Perceptual Ratings of Roughness and Acoustic Measures of Jitter. <i>Journal of Speech, Language, and Hearing Research</i> , 1995, 38, 26-32.	1.6	137
10	Cinegraphic observations of laryngeal function in parkinson's disease. <i>Laryngoscope</i> , 1984, 94, 348-353.	2.0	136
11	Sources of listener disagreement in voice quality assessment. <i>Journal of the Acoustical Society of America</i> , 2000, 108, 1867-1876.	1.1	124
12	Efficacy of conventional and implant-supported mandibular resection prostheses: Study overview and treatment outcomes. <i>Journal of Prosthetic Dentistry</i> , 2006, 96, 13-24.	2.8	123
13	Selective Laryngeal Adductor Denervationreinnervation: A New Surgical Treatment for Adductor Spasmodic Dysphonia. <i>Annals of Otology, Rhinology and Laryngology</i> , 1999, 108, 227-231.	1.1	117
14	Perception of aperiodicity in pathological voice. <i>Journal of the Acoustical Society of America</i> , 2005, 117, 2201-2211.	1.1	114
15	LARYNGEAL MODELING. <i>Laryngoscope</i> , 1987, 97, 871-881.	2.0	105
16	Toward a taxonomy of nonmodal phonation. <i>Journal of Phonetics</i> , 2001, 29, 365-381.	1.2	98
17	The multidimensional nature of pathologic vocal quality. <i>Journal of the Acoustical Society of America</i> , 1994, 96, 1291-1302.	1.1	97
18	The perceptual structure of pathologic voice quality. <i>Journal of the Acoustical Society of America</i> , 1996, 100, 1787-1795.	1.1	88

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19	Treatment of Parkinson Hypophonia With Percutaneous Collagen Augmentation. <i>Laryngoscope</i> , 1999, 109, 1295-1299.	2.0	86
20	Measuring vocal quality with speech synthesis. <i>Journal of the Acoustical Society of America</i> , 2001, 110, 2560-2566.	1.1	80
21	Variability in the relationships among voice quality, harmonic amplitudes, open quotient, and glottal area waveform shape in sustained phonation. <i>Journal of the Acoustical Society of America</i> , 2012, 132, 2625-2632.	1.1	70
22	Videostroboscopy of Human Vocal Fold Paralysis. <i>Annals of Otology, Rhinology and Laryngology</i> , 1992, 101, 567-577.	1.1	69
23	Measures of the Glottal Source Spectrum. <i>Journal of Speech, Language, and Hearing Research</i> , 2007, 50, 595-610.	1.6	67
24	Combined Arytenoid Adduction and Laryngeal Reinnervation in the Treatment of Vocal Fold Paralysis. <i>Laryngoscope</i> , 1999, 109, 1928-1936.	2.0	65
25	Laryngeal biomechanics: An overview of mucosal wave mechanics. <i>Journal of Voice</i> , 1993, 7, 123-128.	1.5	64
26	Toward a unified theory of voice production and perception. <i>Loquens</i> , 2014, 1, e009.	0.1	60
27	Glottographic Measurement of Vocal Dysfunction. <i>Annals of Otology, Rhinology and Laryngology</i> , 1983, 92, 413-420.	1.1	58
28	Point-Touch Technique of Botulinum Toxin Injection for the Treatment of Spasmodic Dysphonia. <i>Annals of Otology, Rhinology and Laryngology</i> , 1992, 101, 883-887.	1.1	58
29	Measurement of Young's Modulus in the in Vivo Human Vocal Folds. <i>Annals of Otology, Rhinology and Laryngology</i> , 1993, 102, 584-591.	1.1	55
30	Comparing Measures of Voice Quality From Sustained Phonation and Continuous Speech. <i>Journal of Speech, Language, and Hearing Research</i> , 2016, 59, 994-1001.	1.6	54
31	A comparison of type I thyroplasty and arytenoid adduction. <i>Journal of Voice</i> , 1995, 9, 466-472.	1.5	50
32	GLOTTOGRAPHIC MEASURES OF VOCAL FOLD VIBRATION. <i>Laryngoscope</i> , 1988, 98, 541-549.	2.0	49
33	Perceptual interaction of the harmonic source and noise in voice. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 492-500.	1.1	47
34	Modeling the voice source in terms of spectral slopes. <i>Journal of the Acoustical Society of America</i> , 2016, 139, 1404-1410.	1.1	41
35	Frequency, Intensity, and Target Matching Effects on Photoglottographic Measures of Open Quotient and Speed Quotient. <i>Journal of Speech, Language, and Hearing Research</i> , 1990, 33, 45-50.	1.6	38
36	Perceptual sensitivity to first harmonic amplitude in the voice source. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 2085-2089.	1.1	36

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37	Laryngeal Paralyses. Journal of Speech, Language, and Hearing Research, 1992, 35, 545-554.	1.6	36
38	Acoustic and perceptual effects of changes in body layer stiffness in symmetric and asymmetric vocal fold models. Journal of the Acoustical Society of America, 2013, 133, 453-462.	1.1	35
39	Development of a glottal area index that integrates glottal gap size and open quotient. Journal of the Acoustical Society of America, 2013, 133, 1656-1666.	1.1	32
40	A preliminary study of particle velocity during phonation in an in vivo canine model. Journal of Voice, 1989, 3, 306-313.	1.5	31
41	Effects of native language on perception of voice quality. Journal of Phonetics, 2010, 38, 588-593.	1.2	30
42	Effect of superior laryngeal nerve stimulation on phonation in an in vivo canine model. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1989, 10, 181-187.	1.3	29
43	Perceptual Assessment of Voice Quality: Past, Present, and Future. Perspectives on Voice and Voice Disorders, 2010, 20, 62-67.	0.3	29
44	Integrated software for analysis and synthesis of voice quality. Behavior Research Methods, 2010, 42, 1030-1041.	4.0	28
45	Perception of Vocal Tremor. Journal of Speech, Language, and Hearing Research, 2003, 46, 203-214.	1.6	25
46	Comparing Two Methods for Reducing Variability in Voice Quality Measurements. Journal of Speech, Language, and Hearing Research, 2011, 54, 803-812.	1.6	24
47	The effect of air flow and medial adductory compression on vocal efficiency and glottal vibration. Otolaryngology - Head and Neck Surgery, 1990, 102, 212-218.	1.9	23
48	Analysis by synthesis of pathological voices using the Klatt synthesizer. Speech Communication, 1997, 22, 343-368.	2.8	23
49	Ventricular dysphonia: A case of false vocal fold mucosal traveling wave. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1996, 17, 427-431.	1.3	20
50	The Effect of Recurrent Laryngeal Nerve Stimulation on Phonation in an In Vivo Canine Model. Laryngoscope, 1989, 99, 977-982.	2.0	19
51	Photoglottography: A clinical synopsis. Journal of Voice, 1991, 5, 98-105.	1.5	19
52	Transtracheal stimulation of the recurrent laryngeal nerve. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1988, 9, 12-17.	1.3	18
53	Perception of Voice Quality. , 0, , 338-362.		18
54	Laryngeal configuration associated with glottography. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1988, 9, 173-179.	1.3	17

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55	Formant Frequency Fluctuation as an Index of Motor Steadiness in the Vocal Tract. <i>Journal of Speech, Language, and Hearing Research</i> , 1983, 26, 297-304.	1.6	16
56	Determination of vocal fold mucosal wave velocity in an in vivo canine model. <i>Laryngoscope</i> , 1993, 103, 947-953.	2.0	16
57	Exit jet particle velocity in the in vivo canine laryngeal model with variable nerve stimulation. <i>Journal of Voice</i> , 1999, 13, 153-160.	1.5	16
58	Effect of Tension, Stiffness, and Airflow on Laryngeal Resistance in the in Vivo Canine Model. <i>Annals of Otology, Rhinology and Laryngology</i> , 1993, 102, 761-768.	1.1	15
59	Perceptual evaluation of voice source models. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 1-10.	1.1	15
60	Validating a psychoacoustic model of voice quality. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 457-465.	1.1	15
61	Current and Future Horizons in Laryngeal and Voice Research. <i>Annals of Otology, Rhinology and Laryngology</i> , 1989, 98, 145-152.	1.1	14
62	Modeling Measured Glottal Volume Velocity Waveforms. <i>Annals of Otology, Rhinology and Laryngology</i> , 2003, 112, 120-131.	1.1	13
63	Effect of Asymmetric Vocal Fold Stiffness on Traveling Wave Velocity in the Canine Larynx. <i>Otolaryngology - Head and Neck Surgery</i> , 1992, 107, 516-526.	1.9	12
64	Synchronizing videostroboscopic images of human laryngeal vibration with physiological signals. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 1992, 13, 40-44.	1.3	12
65	Theoretical and methodological development in the study of pathological voice quality. <i>Journal of Phonetics</i> , 2000, 28, 335-342.	1.2	12
66	Recurrent laryngeal nerve afferents and their role in laryngospasm. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 1995, 16, 49-52.	1.3	8
67	Improved Tracheoesophageal Prosthesis Sizing in Office-Based Tracheoesophageal Puncture. <i>Annals of Otology, Rhinology and Laryngology</i> , 2010, 119, 37-41.	1.1	8
68	A Pressure-Regulated Model of Normal and Pathologic Phonation. <i>Otolaryngology - Head and Neck Surgery</i> , 1994, 111, 807-815.	1.9	7
69	Effects of rIn and sIn stimulation on glottal area. <i>Otolaryngology - Head and Neck Surgery</i> , 1994, 110, 370-380.	1.9	7
70	Effects of Driving Pressure and Recurrent Laryngeal Nerve Stimulation on Glottic Vibration in a Constant Pressure Model. <i>Otolaryngology - Head and Neck Surgery</i> , 1996, 115, 15-23.	1.9	6
71	Vocal Fundamental Frequency and Sound Pressure Level in Charismatic Speech: A Cross-Gender and -Language Study. <i>Journal of Voice</i> , 2020, 34, 808.e1-808.e13.	1.5	6
72	Characteristics of an In Vivo Canine Model of Phonation With a Constant Air Pressure Source. <i>Laryngoscope</i> , 1996, 106, 745-751.	2.0	5

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73	Impact of Vocal Tract Resonance on the Perception of Voice Quality Changes Caused by Varying Vocal Fold Stiffness. <i>Acta Acustica United With Acustica</i> , 2016, 102, 209-213.	0.8	5
74	Perceptual sensitivity to a model of the source spectrum. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	3
75	Videostroboscopic images associated with glottographic waveforms in an in vivo canine model of phonation. <i>Journal of the Acoustical Society of America</i> , 1989, 85, 1789-1793.	1.1	2
76	The effect of gas density on glottal vibration and exit jet particle velocity. <i>Journal of the Acoustical Society of America</i> , 1995, 97, 2504-2510.	1.1	2
77	Variability of voice quality ratings. <i>Journal of the Acoustical Society of America</i> , 1996, 100, 2828-2828.	1.1	2
78	A perceptually and physiologically motivated voice source model. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	1
79	Acoustic Analysis and Voice Quality in Parkinson Disease. <i>Communications in Computer and Information Science</i> , 2020, , 1-23.	0.5	1
80	Recent improvements to the University of California, Los Angeles' voice synthesizer. <i>Proceedings of Meetings on Acoustics</i> , 2009, , .	0.3	0